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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

09/990,175

Filing Date

11/20/2001

First Named Inventor

Aghajanian, Michael K.

Group Art Unit

1755

Examiner Name

Total Number of Pages in This Submission

18

Attorney Docket Number

M-107-C

ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☒ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☒ Response to Missing Parts/ Incomplete Application
- ☒ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☒ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):
 - (1) Drawing Corrections
 - (2) Cert. of Mailing
 - (3) Return Receipt Postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Jeffrey R. Ramberg Reg. No. 34,700

Signature

Jeffrey R. Ramberg

Date

03/01/2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

03/01/2002

Typed or printed name

Jeffrey R. Ramberg

Signature

Jeffrey R. Ramberg

Date

03/01/2002

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/990,175
Filing Date: November 20, 2001
First Named Inventor: Aghajanian, Michael K.
Title: Boron Carbide Composite Bodies, and Methods for Making Same

Group Art Unit: 1755
Attorney Docket No. M-107-C

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that the following correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents Washington, D.C. 20231

on March 1, 2002:
Date

Notice to File Missing Parts of Nonprovisional Application

Power of Attorney or Authorization of Agent (4 sheets)

Declaration for Utility or Design Patent Application

Drawing Corrections

Transmittal

Fee Transmittal

Petition for One-month Extension of Time

Return Receipt Postcard


Signature

Jeffrey R. Ramberg

Typed or printed name of person signing Certificate

O I P E J C I A S
MAR 1 2 2002

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PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/990,175
Filing Date	11/20/2001
First Named Inventor	Aghajanian, Michael K.
Examiner Name	
Group Art Unit	1755
Attorney Docket No.	M-107-C

TOTAL AMOUNT OF PAYMENT (\$ 694.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-1020
Deposit Account Name: Jeffrey R. Ramberg, Esq.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370		Utility filing fee	370.00
106	330	206	165		Design filing fee	
107	510	207	255		Plant filing fee	
108	740	208	370		Reissue filing fee	
114	160	214	80		Provisional filing fee	

SUBTOTAL (1) (\$ 370.00

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	38	-20** = 19	X 9.00 = 162.00
Independent Claims	4	-3** = 1	X 42.00 = 42.00
Multiple Dependent			0.00 = 0.00

	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
103	18	203	9		Claims in excess of 20
102	84	202	42		Independent claims in excess of 3
104	280	204	140		Multiple dependent claim, if not paid
109	84	209	42		** Reissue independent claims over original patent
110	18	210	9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 204.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65		Surcharge - late filing fee or oath	65.00
127	50	227	25		Surcharge - late provisional filing fee or cover sheet	
139	130	139	130		Non-English specification	
147	2,520	147	2,520		For filing a request for ex parte reexamination	
112	920*	112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115	110	215	55		Extension for reply within first month	55.00
116	400	216	200		Extension for reply within second month	
117	920	217	460		Extension for reply within third month	
118	1,440	218	720		Extension for reply within fourth month	
128	1,960	228	980		Extension for reply within fifth month	
119	320	219	160		Notice of Appeal	
120	320	220	160		Filing a brief in support of an appeal	
121	280	221	140		Request for oral hearing	
138	1,510	138	1,510		Petition to institute a public use proceeding	
140	110	240	55		Petition to revive - unavoidable	
141	1,280	241	640		Petition to revive - unintentional	
142	1,280	242	640		Utility issue fee (or reissue)	
143	460	243	230		Design issue fee	
144	620	244	310		Plant issue fee	
122	130	122	130		Petitions to the Commissioner	
123	50	123	50		Processing fee under 37 CFR 1.17(q)	
126	180	126	180		Submission of Information Disclosure Stmt	
581	40	581	40		Recording each patent assignment per property (times number of properties)	
146	740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370		Request for Continued Examination (RCE)	
169	900	169	900		Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 120.00

SUBMITTED BY

Name (Print/Type)	Jeffrey R. Ramberg	Registration No. (Attorney/Agent)	34,700	Telephone	(302) 454-8600 ext. 319
Signature	<i>Jeffrey R. Ramberg</i>	Date	02/28/2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/990,175	11/20/2001	Michael K. Aghajanian	M-107-C

CONFIRMATION NO. 1233

FORMALITIES LETTER



OC00000007160400

Jeffrey R. Ramberg
M Cubed Technologies, Inc.
One Tralee Industrial Park
Newark, DE 19711

Date Mailed: 12/05/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$204.
 - \$162 for 18 total claims over 20.
 - \$42 for 1 independent claims over 3.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 639.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - more than one figure is present and each figure is not labeled "Fig." with a consecutive Arabic numeral (1, 2, etc.) or an Arabic numeral and capital letter in the English alphabet (A, B, etc.)(see 37 CFR 1.84(u)(1));

09990175

00000051 501020

03/15/2002

370.00 CH
162.00 CH
63.00 CH

01 FC:201
02 FC:203
04 FC:205

*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature in black ink, appearing to be 'uf', is written over a horizontal line.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



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#4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/990,175 **Group Art Unit:** 1755
Filing Date: November 20, 2001 **Attorney Docket No.** M-107-C
First Named Inventor: Aghajanian, Michael K.
Title: Boron Carbide Composite Bodies, and Methods for Making Same

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

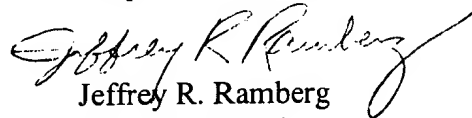
CORRECTIONS TO THE DRAWINGS PURSUANT TO 37 C.F.R. §1.121(d)

Dear Sir:

In regard to the “Notice to File Missing Parts of Nonprovisional Application” dated December 5, 2001, applicants submit herewith corrections to the drawings. Specifically, Figure 7 has been corrected to properly identify the bottom two illustrations as “Figure 7B” and “Figure 7C”, respectively. Applicants attach hereto two sheets containing drawings, with one sheet showing the specific proposed corrections in red ink, and the other sheet showing how the drawing sheet would look if approved by the Office. Applicants respectfully submit that the instant drawing corrections add no “new matter” to the application. Applicants respectfully submit that the corrected drawings should be sufficient for examination and suitable for publication. Accordingly, applicants respectfully request that the corrected drawings be accepted for these purposes.

Should the Patent Office have any questions regarding any aspect of the present submission, the Office is invited to telephone applicants' undersigned representative.

Respectfully submitted,


Jeffrey R. Ramberg
Reg. No. 34,700

February 28, 2002

M Cubed Technologies, Inc.
1 Tralee Industrial Park
Newark, DE 19711

Tel: (302) 454-8600 ext. 319
Fax: (302) 454-8605

Enclosures: (1) One drawing sheet marked up in red ink
(2) Substitute drawing sheet showing a "clean copy" of the correction